Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg

#### **IOWA**, Northeast

FAYETTE COUNTY --- 3.0 E WESTGATE [42.77, -91.94]

07/06/10 15:10 CST

O

**Funnel Cloud** 

07/06/10 15:13 CST

n Source: Law Enforcement

Law enforcement received several reports of funnel clouds between Westgate and Maynard.

Showers developed and moved along a stationary front extending from northeast lowa into southwest Wisconsin in the late afternoon hours of July 6th. Law enforcement spotted weak funnel clouds in association with the showers over parts of Fayette County.

FAYETTE COUNTY --- 1.6 WNW FAIRBANK [42.64, -92.08], 0.7 SW WAUCOMA [43.06, -92.04], 3.3 NE CLERMONT [43.03, -91.62], 7.3 SSE ARLINGTON

[42.65, -91.63]

07/07/10 06:45 CST 07/07/10 11:00 CST 20K 0

Flash Flood (due to Heavy Rain) Source: Emergency Manager

Emergency Management reported several roads across Fayette County received flood damage.

FAYETTE COUNTY --- 1.9 S OELWEIN MUNI ARPT [42.65, -91.98], 1.3 W STANLEY [42.65, -91.82], 4.2 SSE MAYNARD [42.72, -91.82], 3.0 SSE

WESTGATE [42.73, -91.98]

07/07/10 06:45 CST 07/07/10 11:00 CST 0.58M

Flash Flood (due to Heavy Rain)

0

Source: Law Enforcement

Law enforcement reported numerous streets and county roads closed due to flooding in and around the city of Oelwein. Law enforcement reported many homes with basements flooded and some structural damage. Public and cooperative observers estimated rainfall amounts between 630 a.m. and 1100 a.m. CST of 3.20 inches to 5.80 inches around the city of Oelwein. The flooding caused an estimated \$400,000 worth of damage to the city of Oelwein.

Around the high school, the volume of water overwhelmed the storm sewer. The parking lot had water between 3-4 feet high for about 45 minutes until the drains caught up. This pool of water ran against the school building, causing water to run in under doors, etc. which led to \$18, 760 worth of damage to carpet in two school buildings.

Slow moving thunderstorms with very heavy rainfall moved along a stationary front over northeast lowa causing flash flooding in the city of Oelwein (Fayette County) in the morning hours of July 7th. This caused numerous streets and county roads to become impassable in and around the city of Oelwein. The fire department reported many homes with basements flooded and some structural damage. Between 7 a.m. and 11 a.m. CST rainfall amounts ranged from 3.20 inches to 5.80 inches around the city of Oelwein. The flooding caused an estimated \$400,000 worth of damage to the city of Oelwein.

CLAYTON COUNTY --- 0.4 SSW ELKADER [42.84, -91.40], 0.4 S ELKADER [42.84, -91.40], 0.5 S ELKADER [42.84, -91.40], 0.6 S ELKADER [42.84, -91.40], 0.5 SSW ELKADER [42.84, -91.40], 0.5 SSW ELKADER [42.84, -91.40]

07/07/10 13:30 CST

0

Flood (due to Heavy Rain)

07/07/10 16:45 CST

0

Source: River/Stream Gage

Locally heavy rains pushed the Turkey River out of its banks in Elkader on July 7th. The river exceeded the flood stage by a half foot cresting at 12.52 feet.

CLAYTON COUNTY --- 0.2 NNW LITTLEPORT [42.75, -91.37], 0.3 NNE LITTLEPORT [42.75, -91.37], 0.3 NNE LITTLEPORT [42.75, -91.37], 0.3 NNE

LITTLEPORT [42.75, -91.37], 0.3 N LITTLEPORT [42.75, -91.37], 0.2 NNW LITTLEPORT [42.75, -91.37]

07/07/10 17:00 CST

Flood (due to Heavy Rain)

07/08/10 03:15 CST

Source: River/Stream Gage

Locally heavy rains pushed the Volga River out of its banks in Littleport on July 7th and 8th. The river exceeded the flood stage by over one foot cresting at 13.19 feet.

CLAYTON COUNTY --- 0.6 N GARBER [42.74, -91.27], 0.9 NNE GARBER [42.74, -91.26], 0.9 NE GARBER [42.74, -91.26], 0.7 NNE GARBER [42.74, -91.26], 0.7 NNE GARBER [42.74, -91.26], 0.7 NNE GARBER [42.74, -91.26], 0.9 NE GA -91.26], 0.6 NNE GARBER [42.74, -91.27]

07/07/10 20:15 CST

0

Flood (due to Heavy Rain)

07/08/10 07:00 CST

0

Source: River/Stream Gage

Locally heavy rains pushed the Turkey River out of its banks in the vicinity of Garber on July 7th and 8th. The river exceeded the flood stage by almost a foot cresting at 17.78 feet.

Rounds of heavy rain in early July pushed the Volga and Turkey Rivers (Clayton County) out of their banks.

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acation	Date /Time	D46 0	Due	Event Type and D-1-11-
ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IA-Z009) HOWARD				
	07/14/10 22:15 CST		5K	High Wind (MAX 56 kt)
	07/14/10 22:15 CST		0	
Outflow from thunderstorms produced dawinds knocked down several trees and p	= = :		=	July 14th. The strong
ALLAMAKEE COUNTY 3.1 ENE CHEST	• •			
	07/17/10 23:30 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	07/17/10 23:30 CST		0	Source: COOP Observer
Two trees were blown down blocking a driv	/eway.			
Thunderstorms developed along an adva across Allamakee County late in the even		ng of July 17th and	l produced some i	solated wind damage
CLAYTON COUNTY STRAWBERRY PT				
	07/22/10 06:00 CST		0	Heavy Rain
	07/23/10 06:00 CST		0	Source: COOP Observer
The Strawberry Point COOP observer mea	asured 9.04 inches of rain in the 24 l	hour period ending	at 6 a.m. CST July	/ 23rd.
AYETTE COUNTY 1.0 E OELWEIN [42	•			Hanny Dein
	07/22/10 06:00 CST 07/23/10 06:00 CST		0	Heavy Rain Source: COOP Observer
				-
CLAYTON COUNTY 0.5 E MONONA [43	3.05, -91.39], 0.5 E MONONA [43.05 07/22/10 16:04 CST	5, -91.39], 0.5 E MC	ONONA [43.05, -91.	.39], 0.5 E MONONA [43.05, -91.39] Flood (due to Heavy Rain)
	07/22/10 18:15 CST		0	Source: Law Enforcement
Officers reported street flooding in the town	n of Monona.			
CLAYTON COUNTY 1.5 ENE EDGEWO	OD [42.68, -91.40], 1.6 ENE EDGEN	WOOD [42.68, -91.	40], 1.6 ENE EDGE	WOOD [42.67, -91.40], 1.5 ENE
EDGEWOOD [42.68, -91.40]	07/22/10 20:05 CST		0	Flood (due to Heavy Bain)
			0	Flood (due to Heavy Rain)
	07/22/10 23:30 CST		U	Source: Fire Department/Rescue
The Edgewood Fire Department reported the	hat Bear Creek had rose out of its b	anks and caused r	ninor flooding.	
FAYETTE COUNTY OELWEIN [42.68, -	-		014	
	07/23/10 01:26 CST		2K	Lightning
	07/23/10 01:26 CST		0	Source: Newspaper
ightning struck a house chimney blowing l	bricks into the street. No fire occurre	ed from the lightnir	g strike.	
FAYETTE COUNTY 1.3 SSW OELWEIN [42.66, -91.91]	[42.66, -91.91], 1.3 SSW OELWEIN	N [42.66, -91.91], 1	3 SSW OELWEIN	[42.66, -91.91], 1.3 SSW OELWEIN
(	07/23/10 02:15 CST		0	Flood (due to Heavy Rain)
	07/23/10 05:15 CST		0	Source: Trained Spotter
Nater from heavy rain was about a foot de previous 24 hours.	ep at the intersection of 10th Ave Si	E and Frederick in	the city of Oelwein	. A total of 6.23 inches of rain fell in the
FAYETTE COUNTY 2.7 S OELWEIN [42	2.64, -91.91], 2.7 SSW OELWEIN [4:	2.64, -91.91], 2.7 S	SW OELWEIN [42.	64, -91.91], 2.6 S OELWEIN [42.64,
91.91]			=14	<b>5</b>
	07/23/10 06:30 CST		5K	Flood (due to Heavy Rain)
	07/23/10 10:30 CST		0	Source: Law Enforcement

Flood waters from heavy rain caused State Highways 150 and 281 to be closed on the south side of the city of Oelwein. Several other reports of city

streets flooded as well as water in basements were also received.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	NEIN [42.68, -91.91], 0.3 WNW OELWEIN [4 -91.91], 0.4 NW OELWEIN [42.68, -91.91]	2.68, -91.90], 0.3	WNW OELWEIN	[42.68, -91.91], 0.4 NW OELWEIN [42.68,
-51.51], 0.4 WHWW OLLWEIN [42.00,	07/23/10 07:00 CST		0	Flood (due to Heavy Rain)
	07/23/10 11:15 CST		0	Source: Fire Department/Rescue
learly ten inches of rain (9.93 inches	s) in Oelwein caused Dry Run Creek to go o	ut of its banks.		
Wisconsin into north central and ce	eveloped along a slow moving cold front. entral lowa. The thunderstorms tracked rep unties which resulted in flooding problems	eatedly over th	e same areas drop	
	ER [42.74, -91.27], 0.9 NE GARBER [42.74,	-91.26], 0.9 NE (	GARBER [42.74, -9	11.26], 0.7 NNE GARBER [42.74, -91.26],
.5 N GARBER [42.74, -91.27]	07/22/10 23:45 CST		0	Flood (due to Heavy Rain)
	07/25/10 08:45 CST		0	Source: River/Stream Gage
	ey River out of its banks twice in the vicinity of at 23.98 feet on the 23rd, briefly fell below flo			
	TLEPORT [42.75, -91.37], 0.2 NNW LITTLE	=	= '	TLEPORT [42.75, -91.37], 0.3 NNE
II ILEPORT [42.75, -91.37], 0.3 NN	E LITTLEPORT [42.75, -91.37], 0.3 N LITTL 07/23/10 05:30 CST	EPORT [42.75, -	<b>91.37]</b> 0	Flood (due to Heavy Rain)
	07/25/10 05:30 CST		0	Source: River/Stream Gage
nonth.	ushed the Volga and Turkey Rivers (Clayto			
TREMOTOR [42.73, -51.50]	07/23/10 22:20 CST		0	Flood (due to Heavy Rain)
	07/24/10 01:30 CST		0	Source: Broadcast Media
lain street in the town of Arlington w	vas reported to be impassable due to rising v	vater.		
	EIN [42.68, -91.91], 0.6 W OELWEIN [42.68,	-91.91], 0.7 W C	ELWEIN [42.68, -9	91.91], 0.7 W OELWEIN [42.68, -91.91],
.7 W OELWEIN [42.68, -91.91]	07/23/10 22:37 CST		0	Flood (due to Heavy Rain)
	07/24/10 01:45 CST		0	Source: Amateur Radio
mateur radio operators reported 5 to overed State Highway 3 at the inters	o 6 inches of water over State Highways 3 a section with County Road W45.	and 150 in the cit	y of Oelwein. Also,	about 9 miles east of Oelwein, water
AYETTE COUNTY 1.6 WNW FAI	IRBANK [42.64, -92.08], 5.0 NW WESTGATE	E [42.82, -92.08]	2.1 ESE WADENA	A [42.82, -91.61], 7.7 SSE ARLINGTON
, <b>.</b>	07/23/10 23:00 CST		75K	Flood (due to Heavy Rain)
	07/24/10 10:00 CST		0	Source: Law Enforcement
_	t across the southern part of Fayette County water. A three day rainfall total of 12.18 inc		-	-
	LINGTON [42.76, -91.71], 2.8 WNW ARLING	STON [42.76, -91	.72], 2.9 WNW AR	LINGTON [42.76, -91.72], 2.0 WNW
RLINGTON [42.76, -91.71]	07/22/40 22:26 CST		5K	Flood (due to Heavy Pain)
	07/23/10 23:36 CST		5K 0	Flood (due to Heavy Rain) Source: Amateur Radio
	07/24/10 02:45 CST		U	Source. Amaleur Raulo

Amateur radio operators reported gravel road shoulders washed out in many spots along State Highway 187. Also, several acres of farm fields were

under water but there were no subsequent reports as to whether the crops were damaged.

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Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg CLAYTON COUNTY --- 4.4 WSW STRAWBERRY PT [42.65, -91.60], 3.5 WNW VOLGA [42.82, -91.60], 1.0 W GUTTENBERG ARPT [42.82, -91.12], 2.7 W TURKEY RIVER [42.74, -91.10], 1.9 E MILLVILLE [42.70, -91.03], 8.8 ESE MILLVILLE [42.66, -90.91] 80K Flood (due to Heavy Rain) 07/24/10 00:00 CST 07/24/10 10:00 CST Source: Law Enforcement Several gravel roads have been washed out across the southern part of Clayton County. Also, in the vicinity of Garber, water was flooding some corn fields and County Road C7X had water over it. Some homes also sustained damage with some basement walls collapsing. A three day rainfall total of 12.23 inches was measured at 6 a.m. CST July 24th in Strawberry Point and 6.69 inches at Lock and Dam 10 in Guttenberg. FLOYD COUNTY --- 1.2 SE WALLER [43.07, -92.63], 1.3 SE WALLER [43.07, -92.63], 1.3 SE WALLER [43.07, -92.63] 07/24/10 01:04 CST Flood (due to Heavy Rain) 07/24/10 04:00 CST 0 Source: Broadcast Media U.S. Highway 18 was under water approximately 1 mile east of the city of Charles City. HOWARD COUNTY --- 5.0 NNW ELMA [43.32, -92.49] 0.15M Thunderstorm Wind (EG 61 kt) 07/24/10 01:10 CST 07/24/10 01:10 CST 0 Source: Newspaper Four steel grain bins, a barn, well house and two machine sheds were destroyed by thunderstorms winds. HOWARD COUNTY --- 0.5 E ELMA [43.25, -92.44] 5K Thunderstorm Wind (EG 61 kt) 07/24/10 01:13 CST 07/24/10 01:13 CST n Source: Public The brother of a NWS employee reported 5 foot diameter trees snapped off and some roofs were damaged. FLOYD COUNTY --- 1.0 E CHARLES CITY [43.07, -92.68] 07/24/10 01:18 CST 2K Thunderstorm Wind (EG 52 kt) 07/24/10 01:18 CST 0 Source: County Official Several trees were blown down in Charles City by estimated 50 to 60 mph winds. FLOYD COUNTY --- 3.0 N COLWELL [43.19, -92.62] 50K 07/24/10 01:20 CST Thunderstorm Wind (EG 52 kt) 07/24/10 01:20 CST 0 Source: Newspaper A metal grain bin was destroyed by thunderstorm winds. HOWARD COUNTY --- 0.5 E CRESCO MUNI ARPT [43.37, -92.12] 07/24/10 01:26 CST 70K Thunderstorm Wind (EG 61 kt) 07/24/10 01:26 CST 0 Source: Law Enforcement Storms blew the roof off a car dealership with debris blown several blocks. At a nearby restaurant, picnic tables were lifted, windows busted and trees

blown down. Signs for area businesses were also destroyed. A wholesale greenhouse had most of the glass panels on the roof of one building destroyed where the winds may have been locally higher. Another business close to the greenhouse also had the roof destroyed.

Thunderstorms developed along a cold front and swept across northeast lowa for the second consecutive night. These storms brought additional heavy rains producing more flooding problems on July 23rd into the 24th. The winds were also strong enough with the storms to create some wind damage. Clayton, Fayette and Howard Counties were included in a Presidential Disaster Declaration.

#### MINNESOTA, Southeast

WABASHA COUNTY --- 0.5 W LAKE CITY [44.45, -92.28]

0.20K 07/14/10 14:22 CST Thunderstorm Wind (EG 52 kt) 07/14/10 14:22 CST O Source: COOP Observer

A cooperative observer estimated a 60 miles per hour wind gust with wooden picnic tables blown over in the city of Lake City.

WABASHA COUNTY --- 0.5 W LAKE CITY [44.45, -92.28]

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/14/10 14:25 CST		0	Thunderstorm Wind (MG 56 kt)
	07/14/10 14:25 CST		0	Source: Fire Department/Rescue
The fire department measured a wind gust	of 65 miles per hour in the city of La	ake City.		
DLMSTED COUNTY 1.2 NE ORONOCO	[44.18, -92.51]			
	07/14/10 18:57 CST		0	Funnel Cloud
	07/14/10 19:02 CST		0	Source: Trained Spotter
IOWER COUNTY 0.2 WNW MAPLEVIE	W 143 68 -92 981			
MOVER GOORT I U.Z WINW MAI EEVIE	07/14/10 19:12 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/10 19:12 CST		0	Source: Broadcast Media
KAAL television station measured a 60 mile	s per hour wind gust in the city of A	ustin.		
MOWER COUNTY 0.8 SSW AUSTIN [43	66 _92 931			
#3	07/14/10 19:15 CST		0	Thunderstorm Wind (MG 51 kt)
	07/14/10 19:15 CST		0	Source: AWOS
The automated weather observing equipme	nt at the Austin Municipal airport m	easured a wind gu	ıst of 59 miles per l	hour.
DLMSTED COUNTY 1.7 NE (RST)ROCH	ESTER MUNI [43.9492.48]			
	07/14/10 19:35 CST		0	Thunderstorm Wind (MG 52 kt)
	07/14/10 19:35 CST		0	Source: COOP Observer
A cooperative observer measured a wind gr	ust of 60 miles per hour with branch	nes broken off tree	S.	
WINONA COUNTY 1.5 W WINONA [44.0	5, -91.68]			
	07/14/10 20:13 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	07/14/10 20:13 CST		0	Source: Emergency Manager
The emergency manager reported trees do	wn on the west side of the city of W	'inona.		
HOUSTON COUNTY 1.0 ENE RIVER JC	T [43.84, -91.30]			
	07/14/10 20:45 CST		1K	Thunderstorm Wind (EG 52 kt)
	07/14/10 20:45 CST		0	Source: Public
The public reported two trees uprooted and	an 18 inch branch broken off a tree	<b>)</b> .		
HOUSTON COUNTY 1.0 W LA CRESCE	NT [43.83, -91.30]			
	07/14/10 20:45 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/10 20:45 CST		0	Source: Trained Spotter
A trained spotter estimated a wind gust of 6	0 miles per hour in the city of La Cr	escent.		
A cold front tracked west to east across s developed along the cold front and produ to 60 miles per hour across Mower and Ol	ced a funnel cloud in Olmsted Co	<del>-</del>	=	
MOWER COUNTY 0.9 ENE SARGEANT	=		0.0511	T
	07/16/10 16:40 CST		0.25K	Thunderstorm Wind (EG 52 kt)
	07/16/10 16:40 CST		0	Source: Law Enforcement
Several large trees were blown down.				
MOWER COUNTY WALTHAM [43.82, -9	=			11-1-4-75 (-)
	07/16/10 16:40 CST		0	Hail (1.75 in)
	07/16/10 16:40 CST		0	Source: Public

Isolated storms developed across southeast Minnesota during the late afternoon of July 16th. These storms produced some localized wind damage and large hail across Mower County.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WINONA COUNTY 1.5 W WINONA				
	07/17/10 17:05 CST		0	Hail (0.75 in)
	07/17/10 17:05 CST		0	Source: Emergency Manager
VINONA COUNTY 1.9 NNE NODIN	E [43.93, -91.44]			
	07/17/10 17:20 CST		0	Hail (1.50 in)
	07/17/10 17:20 CST	1	0	Source: Public
A motorcycle passenger was hit on the	head by hail on Interstate 90 near Nodi	ine. The passenge	r was taken by aml	bulance to a hospital.
VINONA COUNTY 0.6 ENE WINON	IA [44.05, -91.64], 0.7 ENE WINONA [44	.05, -91.64], 0.6 E	WINONA [44.05, -9	91.64], 0.5 E WINONA [44.05, -91.64]
	07/17/10 17:30 CST		0	Flood (due to Heavy Rain)
	07/17/10 19:30 CST		0	Source: Emergency Manager
Street flooding was reported in the city	of Winona.			
HOUSTON COUNTY 1.2 SW HOKA				
	07/17/10 17:50 CST		0	Hail (1.50 in)
	07/17/10 17:50 CST		0	Source: Public
HOUSTON COUNTY 2.0 WSW HOP	(AH [43.76, -91.37]			
	07/17/10 17:53 CST		0	Hail (1.75 in)
	07/17/10 17:53 CST		0	Source: Trained Spotter
HOUSTON COUNTY 3.2 SW HOKA	H [43.7491.38]			
	07/17/10 18:20 CST		0	Hail (1.00 in)
	07/17/10 18:20 CST		0	Source: Law Enforcement
HOUSTON COUNTY 2.1 WSW HOP	(AH [43.7691.37]			
2	07/17/10 18:27 CST		0	Hail (1.25 in)
	07/17/10 18:27 CST		0	Source: Public
HOUSTON COUNTY 2.6 WSW HOP	(AH [43.7591.37]			
	07/17/10 18:30 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/17/10 18:30 CST		0	Source: Law Enforcement
Several trees were blown down southv	vest of Hokah along Highway 44.			
MOWER COUNTY 1.0 WNW AUST	N [43.67, -92.95], 1.0 WNW AUSTIN [43	s.67, -92.95], 1.0 W	NW AUSTIN [43.67	7, -92.95], 1.0 WNW AUSTIN [43.67,
92.95]	07/17/10 22:20 CST		0	Flood (due to Heavy Rain)
	07/18/10 00:30 CST		0	Source: Law Enforcement
Nater covered part of the east bound I	anes of Interstate 90 near mile marker 1	79.5. Also, some	street flooding occu	urred in different sections of the city of
Austin.				
=	along a trough of low pressure in a ver polf balls over parts of Winona and Hou	=		
County. These storms also produced County).	very heavy rain that led to urban floor	ding in cities of W	inona (Winona Co	unty) and Austin (Mower
OLMSTED COUNTY 3.5 S ROCHES	STER [43.98, -92.48]			
	07/19/10 14:50 CST		0	Funnel Cloud
	07/19/10 14:50 CST		0	Source: Broadcast Media

An area of showers with embedded thunderstorms developed during the afternoon of July 19th across southeast Minnesota. A funnel cloud was sighted with one of the showers near Rochester (Olmsted County).

An area of showers and a few thunderstorms produced a funnel cloud just south of the city of Rochester.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MOWER COUNTY 0.7 SSW MAPLEVIEW [43.67	7 02 001			
MOWER COUNTY 0.7 SSW MAPLEVIEW [43.67	07/27/10 22:00 CST		0.50K	Lightning
			0	
	07/27/10 22:00 CST		U	Source: Newspaper
Power lines were knocked down leading to a few s	parks and some smoke on t	the roof of a house	, but a fire did not s	start.
Thunderstorms developed across southeast Min		hours of July 27t	n. These storms c	reated only some minor
damages with power lines down in Austin (Mowe	r County).			
WISCONSIN, Southwest				
CRAWFORD COUNTY 2.0 WNW SOLDIERS GF	= =	NW SOLDIERS GI	ROVE [43.41, -90.8	0], 1.7 WNW SOLDIERS GROVE [43.41,
-90.80], 2.0 WNW SOLDIERS GROVE [43.41, -90.8	07/05/10 05:00 CST		0	Flood (due to Heavy Rain)
				, ,
	07/05/10 07:50 CST		5K	Source: Other Federal Agency
United States Department of Agricultural official rep	oorted a small acreage of po	otatoes were destre	oyed by flash flood	ing in northeast Crawford County.
A tropical airmass ahead of a slow moving cold f	ront allowed heavy rain to	develon over nor	tions of southwee	t Wisconsin in the
morning hours of July 5th. This heavy rain cause	•			
Crawford County.	a isolated flash flooding a	ina acstroyea a si	nun ucreuge or po	autoes in northeastern
VERNON COUNTY 2.8 NNE KICKAPOO CENTE	ER [43.50, -90.67], 2.9 NNE	KICKAPOO CENT	ER [43.51, -90.67],	2.8 ESE LIBERTY [43.51, -90.68], 2.7
ESE LIBERTY [43.51, -90.68], 2.8 NNE KICKAPOC	CENTER [43.51, -90.67], 2	2.8 NNE KICKAPO	O CENTER [43.50,	-90.67]
	07/07/10 15:40 CST		0	Flood (due to Heavy Rain)
	07/08/10 00:00 CST		0	Source: River/Stream Gage
Locally heavy rains pushed the Kickapoo River out cresting at 14.2 feet.  CRAWFORD COUNTY 3.2 NNW BELL CENTER NNW BELL CENTER [43.32, -90.85], 3.1 NNW BEL	[43.32, -90.85], 3.1 NNW E	BELL CENTER [43	32, -90.85], 3.0 NN	W BELL CENTER [43.32, -90.85], 3.0
	07/08/10 01:30 CST		0	Flood (due to Heavy Rain)
	07/08/10 17:30 CST		0	Source: River/Stream Gage
ocally heavy rains pushed the Kickapoo River out	of its banks in Gays Mills o	n July 8th. The rive	er just exceeded the	e flood stage cresting at 13.05 feet.
Rounds of heavy rain in early July pushed the Ki	ckapoo River out of its ba	nks at Viola (Vern	on County) and Ga	ays Mills (Crawford County).
GRANT COUNTY 1.7 ESE NORTH ANDOVER [- [42.77, -90.94]	+∠.81, -90.94], 2.0 W FIVE F	- 15 [42.81, -90.84]	, 2.2 SE BEETOWI	N [42.78, -90.85], 3.5 WSW BEETOWN
	07/07/10 19:55 CST		10K	Flash Flood (due to Heavy Rain)
	07/08/10 02:00 CST		0	Source: Emergency Manager
The emergency manager reported erosion to roadv	vays around the city of Bee	town.		
Slow moving thunderstorms along a cold front b July 7th. This caused erosion to roadways arour	= =	=	est Wisconsin in	the late evening hours of
ADAMS COUNTY 4.0 N BIG FLATS [44.18, -89.	B1]			
	07/10/10 14:13 CST		0	Hail (0.75 in)
	07/10/10 14:13 CST		0	Source: Law Enforcement
A sheriff deputy reported dime size hail at Highway	13 and County Road O.			
JUNEAU COUNTY 5.4 NE NEW MINER [44.23,	89.961			
	=			
	07/10/10 14·53 CST		0	Hail (1.00 in)
	07/10/10 14:53 CST 07/10/10 14:53 CST		0	Hail (1.00 in) Source: Public

The public reported one inch diameter size hail in the Township of Armenia in northeast Juneau County.

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	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DAMS COUNTY 2.5 N BIG FLATS [44.16,	-89.81]			
	07/10/10 15:05 CST		0	Hail (0.75 in)
	07/10/10 15:05 CST		0	Source: Law Enforcement
aw enforcement reported dime size hail at Co	ounty Road O and Highway 13.			
An upper level disturbance moved into centr developed and produced large hail up to one		-	-	thunderstorms
TAYLOR COUNTY 7.0 SSW POLLEY [45.04	4, -90.86]			
	07/14/10 11:26 CST		1K	Thunderstorm Wind (EG 56 kt)
	07/14/10 11:26 CST		0	Source: Public
he public reported large branches and power	lines down in the extreme south	west corner of Tay	lor County.	
AYLOR COUNTY 2.6 SSW LUBLIN [45.05]	, -90.74]			
-	07/14/10 11:29 CST		1.50K	Thunderstorm Wind (EG 61 kt)
	07/14/10 11:29 CST		0	Source: Public
The public reported several trees down three m	niles southwest of Lublin.			
CLARK COUNTY OWEN [44.95, -90.57]				
72.44.4 0001411 014E14 [44.00, -00.07]	07/14/10 12:06 CST		1K	Thunderstorm Wind (EG 56 kt)
	07/14/10 12:06 CST		0	Source: Fire Department/Rescue
The fire department reported trees down in the	city of Owen			·
The line department reported trees down in the	only of Owern.			
CLARK COUNTY 3.6 SW RIPLINGER [44.8		44.74, -90.36]	417	Thursdareterm Wind (FC F2 l4)
	07/14/10 12:10 CST		1K	Thunderstorm Wind (EG 52 kt)
	07/14/10 12:20 CST		0	Source: Trained Spotter
Frained spotters reported trees down and estin	nated wind gust of 60 miles per h	nour northeast and	east of Loyal.	
CLARK COUNTY 0.5 WNW ABBOTSFORD	[44.95, -90.33]			
LARK COUNTY 0.5 WNW ABBOTSFORD	[44.95, -90.33] 07/14/10 12:14 CST		1K	Thunderstorm Wind (EG 56 kt)
CLARK COUNTY 0.5 WNW ABBOTSFORD			1K 0	Thunderstorm Wind (EG 56 kt) Source: Amateur Radio
CLARK COUNTY 0.5 WNW ABBOTSFORD  Amateur radio operators reported a tree down	07/14/10 12:14 CST 07/14/10 12:14 CST	f Abbotsford.		
Amateur radio operators reported a tree down a A complex of severe thunderstorms develope ate morning and early afternoon of July 14th	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn	esota and then ro	0 Illed across centra	Source: Amateur Radio
Amateur radio operators reported a tree down and a complex of severe thunderstorms developed te morning and early afternoon of July 14th outages.	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn h. These storms produced dama	esota and then ro	0 Illed across centra	Source: Amateur Radio
Amateur radio operators reported a tree down and a complex of severe thunderstorms developed the morning and early afternoon of July 14th outages.	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn h. These storms produced dama	esota and then ro	0 Illed across centra	Source: Amateur Radio
Amateur radio operators reported a tree down and a complex of severe thunderstorms developed the morning and early afternoon of July 14th outages.	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn h. These storms produced dama	esota and then ro	0 illed across centra n knocked down ti	Source: Amateur Radio al Wisconsin during the rees and created power
	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn These storms produced dama  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST	esota and then ro	0 villed across centra n knocked down to 0 0	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer
Amateur radio operators reported a tree down of A complex of severe thunderstorms developed at morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12] Cooperative observers reported around six incl	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn. These storms produced dama  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST	esota and then ro	0 villed across centra n knocked down to 0 0	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer
Amateur radio operators reported a tree down of a complex of severe thunderstorms developed at morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12] Cooperative observers reported around six incl	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn. These storms produced dama  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST	esota and then ro	0 villed across centra n knocked down to 0 0	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer
Amateur radio operators reported a tree down of A complex of severe thunderstorms developed at morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12] Cooperative observers reported around six incl	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn These storms produced dama 2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST these of rain five miles southwest of 4.58, -91.18]	esota and then ro	olled across centra n knocked down to 0 0	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer es of rain one mile south of Tunnel City.
Amateur radio operators reported a tree down of a complex of severe thunderstorms developed at morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12]  Cooperative observers reported around six incl	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn These storms produced dama  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST hes of rain five miles southwest of the city of the c	esota and then ro	olled across central knocked down to 0 0 cee and a half inche	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer es of rain one mile south of Tunnel City.  Hail (2.00 in)
Amateur radio operators reported a tree down and complex of severe thunderstorms developed at morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12]  Cooperative observers reported around six includes a complex of the country 2.2 E OSSEO [44]. A trained spotter estimated up to two inch diameters are considered as a considered and country 2.2 E OSSEO [44].	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn. These storms produced dama.  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST hes of rain five miles southwest of the city of cold and cold are cold are cold are cold and cold are cold a	esota and then ro	olled across central knocked down to 0 0 cee and a half inche	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer es of rain one mile south of Tunnel City.  Hail (2.00 in)
Amateur radio operators reported a tree down and complex of severe thunderstorms developed at a morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn. These storms produced dama.  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST hes of rain five miles southwest of the city of cold and cold are cold are cold and cold are cold are cold and cold are cold a	esota and then ro	olled across central knocked down to 0 0 0 eee and a half inches 0 0	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer es of rain one mile south of Tunnel City.  Hail (2.00 in) Source: Trained Spotter
Amateur radio operators reported a tree down and complex of severe thunderstorms developed at morning and early afternoon of July 14th outages.  MONROE COUNTY 2.2 WNW KIRBY [44.12]  Cooperative observers reported around six included a series of the country 2.2 E OSSEO [44]  A trained spotter estimated up to two inch diam	07/14/10 12:14 CST 07/14/10 12:14 CST and a power outage in the city of ed along a cold front over Minn. These storms produced dama.  2, -90.57] 07/14/10 15:00 CST 07/15/10 01:00 CST hes of rain five miles southwest of the city of cold and cold are cold are cold are cold and cold are cold a	esota and then ro	olled across central knocked down to 0 0 cee and a half inche	Source: Amateur Radio  al Wisconsin during the rees and created power  Heavy Rain Source: COOP Observer es of rain one mile south of Tunnel City.  Hail (2.00 in)

TREMPEALEAU COUNTY --- OSSEO [44.58, -91.22]

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		Injuries	Crop Dmg	
	07/14/10 15:00 CST		0	Hail (1.25 in)
	07/14/10 15:05 CST		0	Source: Fire Department/Rescue
he fire department and public reported one to on	e and a quarter inch diamete	er sized hail in the	city of Osseo.	
ACKSON COUNTY 1.2 SSE MILLSTON [44.1	8, -90.64]			
	07/14/10 15:10 CST		13K	Lightning
	07/14/10 16:20 CST		0	Source: Newspaper
ightning caused a wood frame cabin to catch fire	near the town of Millston.			
TAYLOR COUNTY 5.3 SW POLLEY [45.07, -90	).87]			
	07/14/10 15:14 CST		15K	Thunderstorm Wind (EG 61 kt)
	07/14/10 15:14 CST		0	Source: Law Enforcement
.aw enforcement reported sheds destroyed, power	er lines down and a roof torn	off a mobile home	in the town of Taft.	
ACKSON COUNTY 2.1 NE NORTH BRANCH	-	ILLAN [44.45, -90.8	=	Tamada (FFO 1: 0.00 m²; 14/, 450 m²)
	07/14/10 15:16 CST		5K	Tornado (EFO, L: 8.69 mi , W: 150 yd)
	07/14/10 15:43 CST		0	Source: NWS Storm Survey
A National Weather Service survey team surveyed Jackson County line.	d intermittent EF0 tree dama	ge along Town Ho	use Road through t	the village of Merrillan to the Clark and
BUFFALO COUNTY 2.5 ESE WAUMANDEE [4	· •		014	Thursdaystown Wind (FC 50 LA)
	07/14/10 15:20 CST		8K	Thunderstorm Wind (EG 56 kt)
	07/14/10 15:20 CST		0	Source: Law Enforcement
Law enforcement reported trees down and building	gs damaged.			
TAYLOR COUNTY 0.5 WSW GILMAN [45.17, -	90.81] 07/14/10 15:22 CST		1K	Thunderstorm Wind (EG 61 kt)
	07/14/10 15:22 CST		0	Source: Law Enforcement
	07/14/10 15.22 031		U	Source. Law Emorcement
_aw enforcement reported a power outage in the	city of Gilman.			
JACKSON COUNTY 3.0 E LEVIS [44.54, -91.04	-			
	07/14/10 15:40 CST		8K	Thunderstorm Wind (EG 61 kt)
	07/14/10 15:40 CST		0	Source: Law Enforcement
Law enforcement reported numerous trees and po	ower lines down across north	ern Jackson Coun	ty.	
TAYLOR COUNTY 0.8 NNE MEDFORD [45.14,	-		Olf	Thursday Wr. 1/72 2412
	07/14/10 15:40 CST		2K	Thunderstorm Wind (EG 61 kt)
	07/14/10 15:40 CST		0	Source: Emergency Manager
The emergency manager reported power lines and	d a tree down in the city of M	ledford.		
CLARK COUNTY 5.2 WNW LAKE ARBUTUS [	-	ERWOOD [44.44, -	=	Torrodo (FF4 L. 22 00 ==: \\\ 450 \cdots
	07/14/10 15:43 CST		5K	Tornado (EF1, L: 22.08 mi , W: 150 yd)
	07/14/10 16:13 CST		0	Source: NWS Storm Survey
A National Weather Service survey team surveyed Road and County Road Z in extreme southern Clawas found on the north side of the lake near Bush winds around the south side of the storm (rear flar	ark County. The tornado was Road. The tornado track ap	the strongest in th	e vicinity of Lake A	rbutus where extensive tree damage

The public reported several trees down and estimated wind gusts of sixty to seventy miles per hour.

07/14/10 15:46 CST

07/14/10 15:46 CST

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Source: Public

1.50K

Thunderstorm Wind (EG 61 kt)

_ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLARK COUNTY 4.4 WNW LAKE A			417	Thursdood on Wind (FO 0411)
	07/14/10 15:50 CST		1K	Thunderstorm Wind (EG 61 kt) Source: Amateur Radio
	07/14/10 15:50 CST		0	Source: Amateur Radio
mateur radio operators reported trees	s down at the intersection of Highway 95	and County Road	J.	
IONROE COUNTY 1.4 SSW TUNN			0	Thursdarstorm Wind (FC 52 lt)
	07/14/10 16:25 CST 07/14/10 16:25 CST		0	Thunderstorm Wind (EG 52 kt) Source: Amateur Radio
mateur radio operators estimated a 6			Ü	Source. Amateur Naulo
·				
IONROE COUNTY 3.5 NE WILTON	<b>N [43.85, -90.47]</b> 07/14/10 16:45 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	07/14/10 10:45 CST		0.50K	Source: Trained Spotter
trained spotter reported a fifteen incl	h diameter tree down on Highway 131.		Ü	Course. France opotter
Tamou oponor roponou a misor mo				
UFFALO COUNTY 0.5 E BUFFAL	.O CITY [44.23, -91.84] 07/14/10 19:34 CST		1K	Thunderstorm Wind (EG 56 kt)
	07/14/10 19:34 CST 07/14/10 19:34 CST		0	Source: Law Enforcement
aw enforcement reported trees down			v	Course. Law Entercontent
	·			
UFFALO COUNTY 2.6 SE WAUM	ANDEE [44.27, -91.66] 07/14/10 19:45 CST		4K	Thunderstorm Wind (EG 56 kt)
	07/14/10 19:45 CST		0	Source: Law Enforcement
aw enforcement reported a chicken b	parn damaged two miles southeast of Wa	aumandee.		
REMPEALEAU COUNTY 2.0 W AI				TI 1 1 MS 1/50 5010
REMPEALEAU COUNTY 2.0 W AI	07/14/10 19:52 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/10 19:52 CST 07/14/10 19:52 CST	readia	0	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement
	07/14/10 19:52 CST	rcadia.		
aw enforcement estimated a 60 miles	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25]	rcadia.	0	Source: Law Enforcement
aw enforcement estimated a 60 miles	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST	rcadia.	0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt)
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Ls	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST		0 0 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Ls	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST		0 0 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST uipment at the La Crosse Municipal airpo		0 0 0 d gust of sixty mile	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS as per hour.
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST uipment at the La Crosse Municipal airpo ROSSE [43.80, -91.22] 07/14/10 20:48 CST		0 0 0 d gust of sixty mile	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt)
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Light of the automated weather observing equivalent of the country 1.6 E LA CR	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  uipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST		0 0 0 d gust of sixty mile	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS as per hour.
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Light of the automated weather observing equivalent of the country 1.6 E LA CR	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  uipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST		0 0 0 d gust of sixty mile	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt)
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li  the automated weather observing equ  A CROSSE COUNTY 1.6 E LA CR	07/14/10 19:52 CST 07/14/10 19:52 CST s per hour wind gust two miles west of Ar SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST uipment at the La Crosse Municipal airpo ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST s down in the city of La Crosse.		0 0 d gust of sixty mile 1K 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt) Source: Amateur Radio
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li  the automated weather observing equ  A CROSSE COUNTY 1.6 E LA CR	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  uipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST 8 down in the city of La Crosse.  RD [45.14, -90.34] 07/14/10 20:55 CST		0 0 0 d gust of sixty mile 1K 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt) Source: Amateur Radio  Thunderstorm Wind (EG 56 kt)
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li  he automated weather observing equ  A CROSSE COUNTY 1.6 E LA CR  mateur radio operators reported trees	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  Lipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST  S down in the city of La Crosse.  RD [45.14, -90.34] 07/14/10 20:55 CST 07/14/10 20:55 CST		0 0 d gust of sixty mile 1K 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt) Source: Amateur Radio
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li  The automated weather observing equ  A CROSSE COUNTY 1.6 E LA CR  Amateur radio operators reported trees  TAYLOR COUNTY 1.1 NE MEDFOR  The emergency manager reported trees	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  uipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST s down in the city of La Crosse.  RD [45.14, -90.34] 07/14/10 20:55 CST 07/14/10 20:55 CST	ort measured a win	0 0 0 d gust of sixty mile 1K 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt) Source: Amateur Radio  Thunderstorm Wind (EG 56 kt) Source: Emergency Manager
A CROSSE COUNTY 0.2 WSW (LST- The automated weather observing equal to the	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  uipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST s down in the city of La Crosse.  RD [45.14, -90.34] 07/14/10 20:55 CST 07/14/10 20:55 CST es down in Medford.  R [44.32, -91.17], 0.7 S CITY PT [44.34, -91.17], 0.7 S CITY PT [44.34], -91.17]	ort measured a win	0 0 0 d gust of sixty mile 1K 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt) Source: Amateur Radio  Thunderstorm Wind (EG 56 kt) Source: Emergency Manager
aw enforcement estimated a 60 miles  A CROSSE COUNTY 0.2 WSW (Li  the automated weather observing equ  A CROSSE COUNTY 1.6 E LA CR  amateur radio operators reported trees  AYLOR COUNTY 1.1 NE MEDFOR  the emergency manager reported trees	07/14/10 19:52 CST 07/14/10 19:52 CST 8 per hour wind gust two miles west of Ar  SE)LA CROSSE MUNI [43.88, -91.25] 07/14/10 20:43 CST 07/14/10 20:43 CST  uipment at the La Crosse Municipal airpo  ROSSE [43.80, -91.22] 07/14/10 20:48 CST 07/14/10 20:48 CST s down in the city of La Crosse.  RD [45.14, -90.34] 07/14/10 20:55 CST 07/14/10 20:55 CST es down in Medford.  R [44.32, -91.17], 0.7 S CITY PT [44.34, -91.17], 0.7 S CITY PT [44.34], -91.17]	ort measured a win	0 0 0 d gust of sixty mile 1K 0	Source: Law Enforcement  Thunderstorm Wind (MG 52 kt) Source: ASOS s per hour.  Thunderstorm Wind (EG 52 kt) Source: Amateur Radio  Thunderstorm Wind (EG 56 kt) Source: Emergency Manager

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JUNEAU COUNTY 2.0 NW NECEDAH HO				Haras Belts
	07/14/10 21:00 CST 07/15/10 01:00 CST		0	Heavy Rain Source: COOP Observer
A cooperative observer three miles southeas		es of rain.	U	Source. COOP Observer
•				
MONROE COUNTY 5.3 NNE FOUR COR! SPARTA [43.95, -90.90]	NERS [44.15, -90.89], 2.4 NNE NO	RWAY RIDGE [44	.15, -90.31], 3.8 ES	SE OAKDALE [43.94, -90.31], 4.3 WNW
	07/14/10 21:00 CST		10K	Flash Flood (due to Heavy Rain)
	07/15/10 03:00 CST		0	Source: Law Enforcement
_aw enforcement reported several roads clos	sed due to washouts and water over	er roadways.		
VERNON COUNTY 2.8 N ESOFEA [43.67	, -90.97]			
	07/14/10 21:05 CST		0.50K	Thunderstorm Wind (EG 56 kt)
	07/14/10 21:05 CST		0	Source: Law Enforcement
Law enforcement reported a few trees blown	down near Koll Road.			
VERNON COUNTY 1.6 NNE SPRINGVILL	E [43.60, -90.94]			
	07/14/10 21:10 CST		1.50K	Thunderstorm Wind (EG 56 kt)
	07/14/10 21:10 CST		0	Source: Law Enforcement
Law enforcement reported several trees dow	n four miles northwest of Viroqua.			
ADAMS COUNTY 4.9 SSE DELLWOOD [	43.91, -89.93]			
	07/14/10 21:35 CST 07/14/10 21:35 CST		0	Thunderstorm Wind (EG 52 kt) Source: Park/Forest Service
A park service employee estimated a sixty m	illes per hour wind gust at Castle F	Rock County Park.		
ADAMS COUNTY 3.7 NE WHITE CREEK	[43.87, -89.82] 07/14/10 21:40 CST		0	Thursdorstorm Wind (MC 56 Lt)
	07/14/10 21:40 CST		0	Thunderstorm Wind (MG 56 kt) Source: Amateur Radio
	01/14/10 21:40 001		o .	Source. Amateur Nadio
Amateur radio operators measured a wind g	ust of sixty-four miles per hour six	miles south of Ada	ams.	
JUNEAU COUNTY 0.9 WSW ELROY MUI		NDON STATION		T
	07/14/10 21:40 CST		7K	Thunderstorm Wind (EG 61 kt)
	07/14/10 21:53 CST	f l C	0	Source: Law Enforcement
Law enforcement reported trees and power I	ines down across southern portion	is of Juneau Coun	ty.	
VERNON COUNTY 2.1 SE SPRINGVILLE	[43.56, -90.92], 0.9 NW VIROQUA 07/14/10 22:24 CST	(43.56, -90.89)	5.50K	Thunderstorm Wind (EG 56 kt)
	07/14/10 22:30 CST		0	Source: Law Enforcement
Law enforcement reported a shed damaged	and trees down around the city of	Viroqua.		
VERNON COUNTY 0.9 SW WESTBY [43.	64, -90.86]			
•	07/14/10 22:26 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/10 22:26 CST		0	Source: Amateur Radio
Amateur radio operators estimated a wind gu	ust of sixty miles per hour one mile	south of Westby.		
VERNON COUNTY 0.2 NNE VIROQUA [4	3.55, -90.88], 1.5 WSW HILLSBOF	RO [43.64, -90.38]		
-	07/14/10 22:40 CST	_	2.50K	Thunderstorm Wind (EG 56 kt)
	07/14/10 22:55 CST		0	Source: Law Enforcement
Law enforcement reported trees blown down	from Viroqua to near Hillsboro.			

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he emergency manager reported several roads closed due to washouts and water over roadways in extreme northern Rick  ERNON COUNTY 2.9 NNE HILLSBORO KCKAPOO AR [43.69, -90.32], 1.9 SSE HILLSBORO KCKAPOO AR [43.63, - 10.39], 1.7 S TRIPPVILLE [43.70, -90.40]  07/15/10 00:00 CST	Flash Flood (due to Heavy Rain) Source: Emergency Manager  n Richland County.  63, -90.31], 2.6 SE DILLY [43.62, Flood (due to Heavy Rain) Source: Law Enforcement
APLOR COUNTY 2.8 NNW HILLSBORD KCKAPOO AR [43.69, -90.32], 1.9 SSE HILLSBORD KCKAPOO AR [43.69, -90.32], 1.7 S TRIPPVILLE [43.70, -90.40]  Orificial front tracked west to east across western and central Wisconsin during the afternoon and evenling hours of Journal of the developed along the cold front and produced severe wind gusts, funnel clouds, large hall and one tor indisk knocked rose down onto power lines and caused power outlages across portions of central and western Wisconsin during the afternoon and evenling hours of Junioratorims developed along the cold front and produced severe wind gusts, funnel clouds, large hall and one tor indisk knocked trees down onto power lines and caused power outlages across portions of central and western Wisconson standards in northern Jackson and southern Clark Counties. These storms also produce very heavy rain which cat cross southern Jackson and southern Clark Counties. These storms also produce very heavy rain which cat cross southern Jackson and northern Monroe and Richland Counties. Law enforcement reported several roads closed cadads and washouts. Cooperative observers and amateur radio operators reported rainfall amounts ranging from the cross southern Jackson and northern Monroe Counties.  ERNON COUNTY 0.5 NNW HILLSBORD KCKAPOO AR [43.66, -90.33], 0.4 NW HILLSBORD KCKAPOO AR [43.65, -90.33], 0.7/14/10 23.30 CST	Source: Emergency Manager  n Richland County.  .63, -90.31], 2.6 SE DILLY [43.62,  Flood (due to Heavy Rain)  Source: Law Enforcement
ERNON COUNTY 2.9 NNE HILLSBORO KCKAPOO AR [43.69, -90.32], 1.9 SSE HILLSBORO KCKAPOO AR [43.63, -90.39], 1.7 S TRIPPVILLE [43.70, -90.40]  07/15/10 00:00 CST 2K FIG. 07/15/10 00:00 CST 0 So aw enforcement reported a few roads underwater around the city of Hillsboro.  cold front tracked west to east across western and central Wisconsin during the afternoon and evening hours of JJ understorms developed along the cold front and produced severe wind gusts, funnel clouds, large hall and one for indis knocked trees down onto power lines and caused power outages across portions of central and western Wiscopotters estimated hall up to two inches in diameter near Osseo in Trempealeau County. The severe thunderstorms a FI formado in northern Jackson and southern Clark Counties. These storms also produce very heavy rain which cacross southern Jackson, northern Monroe and Richland Counties. Law enforcement reported several roads closed to adds and washouts. Cooporative observers and amateur radio operators reported rainfall amounts ranging from the cross southern Jackson and northern Monroe Counties.  ERNON COUNTY 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33], 0.4 NW HILLSBORO KCKAPOO AR [43.65, -90.33], 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33] Or Fig. 07/15/10 08:15 CST 0 So ocally heavy rains pushed the South Branch of the Baraboo River out of its banks in Hillsboro on July 14th and 15th. The ver two feet cresting at 15.39 feet.  ERNON COUNTY 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.66, -90.37] Or Fig. 07/16/10 00:00 CST 0 So ocally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stagesting at 15.02 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY [CKAPOO CENTER [43.50, -90.67] Or Fig. 07/16/10 03:30 CST 0 So ocally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood esti	n Richland County.  .63, -90.31], 2.6 SE DILLY [43.62,  Flood (due to Heavy Rain)  Source: Law Enforcement
ERNON COUNTY — 2.9 NNE HILLSBORO KCKAPOO AR [43.69, -90.32], 1.9 SSE HILLSBORO KCKAPOO AR [43.63, -90.39], 1.7 S TRIPPVILLE [43.70, -90.40]  07/15/10 06:00 CST	Flood (due to Heavy Rain) Source: Law Enforcement
10.39], 1.7 S TRIPPVILLE [43.70, -90.40]  07/15/10 00:00 CST	Flood (due to Heavy Rain) Source: Law Enforcement
O7/15/10 00:00 CST	Source: Law Enforcement
aw enforcement reported a few roads underwater around the city of Hillsboro.  cold front tracked west to east across western and central Wisconsin during the afternoon and evening hours of Junual returns developed along the cold front and produced severe wind gusts, funnel clouds, large hall and one for indisk knocked trees down onto power lines and caused power outages across portions of central and western Wiscopolitics estimated hall up to two inches in diameter near Ossoo in Trempealeau County. The severer thunderstorms a FI tornado in northern Jackson and southern Clark Counties. These storms also produce very heavy rain which cat cross southern Jackson and southern Clark Counties. These storms also produce very heavy rain which cat cross southern Jackson, northern Monroe and Richland Counties. Law enforcement reported several roads closed to adds and washouts. Cooperative observers and amateur radio operators reported rainfall amounts ranging from three cross southern Jackson and northern Monroe Counties.  ERRON COUNTY — 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33], 0.4 NW HILLSBORO KCKAPOO AR [43.65, -90.33], 0.7 NNW HILLSBORO KCKAPOO AR [43.65, -90.33] 07/16/10 08:15 CST 0 Fic 07/16/10 08:15 CST 0 Fic 07/16/10 08:15 CST 0 So occally heavy rains pushed the South Branch of the Baraboo River out of its banks in Hillsboro on July 14th and 15th. The ver two feet cresting at 15.39 feet.  ERRON COUNTY — 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.58, -90.64] 07/16/10 00:00 CST 0 So occally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stag resting at 15.09 feet.  ERRON COUNTY — 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY [43.51, -90.67] 0 So occally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flo	
cold front tracked west to east across western and central Wisconsin during the afternoon and evening hours of Juunderstorms developed along the cold front and produced severe wind gusts, funnel clouds, large hail and one tor inds knocked trees down onto power lines and caused power outages across portions of central and western Wisconters estimated hail up to two inches in diameter near Ossoe in Trempealeau County. The severe thourstorms a F1 tornado in northern Jackson and southern Clark Counties. These storms also produce very heavy rain which caucross southern Jackson, northern Monroe and Richland Counties. Law enforcement reported several roads closed cads and washouts. Cooperative observers and amateur radio operators reported rainfall amounts ranging from the cross southern Jackson and northern Monroe Counties.  ERNON COUNTY 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33], 0.4 NW HILLSBORO KCKAPOO AR [43.65, -90.33], 0.7 NNW HILLSBORO KCKAPOO AR [43.66, -90.33] O7/14/10 23:30 CST	of July 14th. Severe
nunderstorms developed along the cold front and produced severe wind gusts, funnel clouds, large hail and one tor inds knocked trees down onto power lines and caused power outages across portions of central and western Wiscopters estimated hail up to two inches in diameter near Ossoe in Trempelaeu County. The severe thrunderstorms a F1 tornado in northern Jackson and southern Clark Counties. These storms also produce very heavy rain which cautross southern Jackson, northern Monroe and Richland Counties. Law enforcement reported several roads closed of advantus. Cooperative observers and amateur radio operators reported rainfall amounts ranging from the cross southern Jackson and northern Monroe Counties.  ERNON COUNTY 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33], 0.4 NW HILLSBORO KCKAPOO AR [43.65, -90.33], 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33] OT/14/10 23:30 CST 0 Fic 07/15/10 08:15 CST 0 So 07/15/10 16:45 CST 0 So 07/16/10 00:00 CST 0 So 0	of July 14th. Severe
CKAPOO AR [43.65, -90.33], 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33]  07/14/10 23:30 CST 0 Fic 07/15/10 08:15 CST 0 So  cocally heavy rains pushed the South Branch of the Baraboo River out of its banks in Hillsboro on July 14th and 15th. The ver two feet cresting at 15.39 feet.  ERNON COUNTY 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.68]  07/15/10 16:45 CST 0 Fic 07/16/10 00:00 CST 0 So  cocally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stag resting at 12.16 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67]  07/16/10 03:30 CST 0 Fic 07/17/10 05:00 CST 0 So  cocally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood cresting at 15.92 feet.  counds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo lounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 0 So  everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91] 07/20/10 15:02 CST 0.75K Th	Visconsin. Trained ms also produced an n caused flash flooding sed due to water over
07/14/10 23:30 CST 0 Fic 07/15/10 08:15 CST 0 So ocally heavy rains pushed the South Branch of the Baraboo River out of its banks in Hillsboro on July 14th and 15th. The ver two feet cresting at 15:39 feet.  ERNON COUNTY 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.57, -90.64]  07/15/10 16:45 CST 0 Fic 07/16/10 00:00 CST 0 So ocally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stag resting at 12.16 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67], 0.28 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67]  07/16/10 03:30 CST 0 Fic 07/17/10 05:00 CST 0 So ocally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood resting at 15:92 feet.  ounds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo lounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 2K So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	
O7/15/10 08:15 CST 0 So coally heavy rains pushed the South Branch of the Baraboo River out of its banks in Hillsboro on July 14th and 15th. The ver two feet cresting at 15.39 feet.  ERNON COUNTY 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.68], 0.7 WNW LA FARGE [43.68, -90.64] O7/15/10 16:45 CST 0 Fid O7/16/10 00:00 CST 0 So coally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stag resting at 12.16 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67] O7/16/10 03:30 CST 0 Fid O7/17/10 05:00 CST 0 So coally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood resting at 15.92 feet.  Ounds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo lounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35] O7/20/10 14:33 CST 2K Th O7/20/10 14:33 CST 0 So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91] O7/20/10 15:02 CST 0.75K Th	Flood (due to Heavy Rain)
cocally heavy rains pushed the South Branch of the Baraboo River out of its banks in Hillsboro on July 14th and 15th. The over two feet cresting at 15.39 feet.  ERNON COUNTY 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.58, -90.64]  07/15/10 16:45 CST	Source: River/Stream Gage
ERNON COUNTY 0.9 WNW LA FARGE [43.58, -90.65], 0.8 WNW LA FARGE [43.58, -90.64], 0.7 WNW LA FARGE [43.68, -90.64] 07/15/10 16:45 CST 0 Fice 07/16/10 00:00 CST 0 So coally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stag resting at 12.16 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67] 07/16/10 03:30 CST 0 Fice 07/17/10 05:00 CST 0 So coally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood resting at 15.92 feet.  Ounds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo ounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35] 07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 0 So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91] 07/20/10 15:02 CST 0.75K Th	
coally heavy rains pushed the Kickapoo River out of its banks at La Farge on July 15th. The river exceeded the flood stagersting at 12.16 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67]  07/16/10 03:30 CST  07/17/10 05:00 CST  0 So coally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood resting at 15.92 feet.  counds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo lounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  07/20/10 14:33 CST  0 So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST  0.75K  Th	E [43.57, -90.64], 0.7 WNW LA Flood (due to Heavy Rain)
Testing at 12.16 feet.  ERNON COUNTY 2.8 NNE KICKAPOO CENTER [43.50, -90.67], 2.8 ESE LIBERTY [43.51, -90.68], 2.7 ESE LIBERTY ICKAPOO CENTER [43.50, -90.67]  07/16/10 03:30 CST	Source: River/Stream Gage
O7/16/10 03:30 CST 0 Floronce of the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the flood resting at 15.92 feet.  Ounds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo I ounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  O7/20/10 14:33 CST 2K Th  O7/20/10 14:33 CST 0 So  everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  O7/20/10 15:02 CST 0.75K Th	stage by less than a half foot
07/16/10 03:30 CST 0 Floronto   07/17/10 05:00 CST 0 Solution   07/17/10 14:33 CST 0 Solution	RTY [43.51, -90.68], 2.8 NNE
ocally heavy rains pushed the Kickapoo River out of its banks in Viola on July 16th and 17th. The river exceeded the floor resting at 15.92 feet.  ounds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo I ounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 0 So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	Flood (due to Heavy Rain)
resting at 15.92 feet.  ounds of heavy rain in mid July produced short flooding events on the South Branch of the Baraboo and Kickapoo lounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 0 So  everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	Source: River/Stream Gage
Ounty).  AYLOR COUNTY 0.7 N MEDFORD [45.14, -90.35]  07/20/10 14:33 CST 2K Th  07/20/10 14:33 CST 0 So  everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	flood stage by almost two feet
07/20/10 14:33 CST 2K Th 07/20/10 14:33 CST 0 So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	poo Rivers (Vernon
07/20/10 14:33 CST 0 So everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	Thursdoorteen Wind (FO FO H)
everal large trees were blown down in the city of Medford.  AYLOR COUNTY 4.1 S DONALD [45.19, -90.91]  07/20/10 15:02 CST 0.75K Th	Thunderstorm Wind (EG 52 kt) Source: Law Enforcement
07/20/10 15:02 CST 0.75K Th	Source. Law Emorcement
07/20/10 15:02 CST 0.75K Th	
	Thunderstorm Wind (EG 52 kt)
	Source: Emergency Manager
0 00 00 00 00 00 00 00 00 00 00 00 00 0	sss.gssy managor

TAYLOR COUNTY --- 0.5 W GILMAN [45.17, -90.81]

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Stori	iii Data and Onusu	ai vveatilei r	nenomena .	- July 2010
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/20/10 15:10 CST		0	Hail (1.25 in)
	07/20/10 15:14 CST		0.35M	Source: Emergency Manager
Hail fell in and around Gilman for about 5 minute some of the dime sized hail produced a swath of smashed down. The piles of hail along the roads	damage about a 1/2 mile wid	e and 4 miles long.	•	
Thunderstorms developed along a trough of lo they dropped south toward central Wisconsin	•	isconsin and prod	uced large hail an	nd damaging winds as
GRANT COUNTY 0.7 N ROCKVILLE [42.73, -	90 681			
	07/23/10 21:45 CST		0	Heavy Rain
	07/24/10 01:15 CST		0	Source: Mesonet
An automated mesonet weather system measure	ed 4.53 inches of rain in 3.5 h	ours. 2.82 inches o	f the total fell in on	e hour.
GRANT COUNTY BURTON [42.72, -90.82]				
	07/23/10 21:45 CST		0	Heavy Rain
	07/24/10 01:15 CST		0	Source: Mesonet
An automated mesonet weather system measure	ed 3.28 inches of rain in 3.5 h	ours. 2.07 inches o	f the total fell in on	e hour.
GRANT COUNTY 1.8 WSW DICKEYVILLE [42	2.62, -90.63], 1.9 WSW DICKE	EYVILLE [42.62, -9	0.63], 1.8 WSW DIG	CKEYVILLE [42.62, -90.63], 1.8 WSW
DICKEYVILLE [42.62, -90.63]	07/04/40 00:40 00T		7.501/	Flack Flack (due to Harris Bain)
	07/24/10 00:48 CST		7.50K	Flash Flood (due to Heavy Rain)
	07/24/10 05:00 CST		0	Source: Emergency Manager
A new 20 foot bridge on Indian Creek Road aboutown of Dickeyville.	at 2 miles west of the town of	Dickeyville was wa	shed out. Also, sigi	nificant flooding was reported in the
GRANT COUNTY 4.1 NE PLATTEVILLE [42.7 FAIRPLAY [42.54, -90.62], 3.0 W KIELER [42.58	- · · · · · · · · · · · · · · · · · · ·			
GLENHAVEN [42.79, -91.06]	07/24/10 01:18 CST		1.25M	Flood (due to Heavy Rain)
	07/24/10 14:30 CST		0	Source: Emergency Manager
The Grant County Emergency Manager reported while. County Road O sustained substantial dam over SW Road near the intersection with Pioneer throughout the county were damaged by the floo inches was measured at 6 a.m. CST on July 24th	age and was likely closed for Road in the southwest part c ding. Some of the homes had	around a week. Co of the city of Plattev I water at least 5 fe	ounty Road U susta ille. Newspaper art et above ground le	ained shoulder damage. Water was also ticles indicate at least 90 homes evel. A two day rainfall total of 9.25
BUFFALO COUNTY 0.5 E MONDOVI [44.57, -	<del>-</del>			
	07/24/10 01:40 CST		35K	Thunderstorm Wind (EG 52 kt)
	07/24/10 01:40 CST		0	Source: COOP Observer
The COOP observer reported lots of trees and portion of damage and on a pickup truck smashing the		articles indicated th	nat some of the fall	en trees landed on houses creating
LA CROSSE COUNTY 1.1 NNE CALVERT [43	3.77, -91.21] 07/24/10 02:14 CST		5K	Thunderstorm Wind (EG 60 kt)
	07/24/10 02:14 CST 07/24/10 02:14 CST		0	Source: Amateur Radio
Amateur radio operators reported some trees blo in the Shelby Mall area.		d off. Trees and sig		
LA CROSSE COUNTY 0.7 N BARRE MILLS [-	43.84, -91.12]			
	07/24/10 02:18 CST		1K	Thunderstorm Wind (EG 52 kt)
	07/24/10 02:18 CST		0	Source: NWS Employee

A NWS employee reported a couple of trees and several large branches blown down.

Thunderstorms developed along a cold front and brought very heavy rain to parts of southwest Wisconsin on July 23rd and 24th. This heavy rain created flooding problems that likely caused around a million dollars of damage in Grant County alone. Damaging winds from

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Date/Time Location Deaths & Property & **Event Type and Details** Injuries **Crop Dmg** these thunderstorms downed lots of trees, some of which landed on homes and vehicles. GRANT COUNTY --- 2.1 ENE ROCKVILLE [42.73, -90.64], 2.2 ENE ROCKVILLE [42.73, -90.64], 2.1 ENE ROCKVILLE [42.73, -90.64], 2.2 ENE ROCKVILLE [42.73, -90.64], 2.2 ENE ROCKVILLE [42.73, -90.64], 2.2 ENE ROCKVILLE [42.73, -90.64] 0 Flood (due to Heavy Rain) 07/24/10 00:45 CST 07/24/10 08:30 CST 0 Source: River/Stream Gage Locally heavy rains pushed the Platte River out of its banks in the vicinity of Rockville on July 24th. The river exceeded the flood stage by over three and a half feet cresting at 12.57 feet. GRANT COUNTY --- 0.0 SW BURTON [42.72, -90.82], 0.1 NNE BURTON [42.72, -90.82], 0.1 NE BURTON [42.72, -90.82], 0.0 ESE BURTON [42.72, -90.82] 07/24/10 01:30 CST 0 Flood (due to Heavy Rain) 07/24/10 16:30 CST 0 Source: River/Stream Gage Locally heavy rains pushed the Grant River out of its banks in the vicinity of Burton on July 24th. The river exceeded the flood stage by over two feet cresting at 20.32 feet. Rounds of heavy rain late in July produced short flooding events along portions of the Grant and Platte Rivers (Grant County). ADAMS COUNTY --- 1.2 SE BIG FLATS [44.11, -89.78] 07/27/10 12:11 CST 3K Thunderstorm Wind (EG 52 kt) 07/27/10 12:11 CST 0 Source: Public A swath of trees was blown down. ADAMS COUNTY --- BIG FLATS [44.12, -89.80] 07/27/10 12:15 CST 2K Thunderstorm Wind (EG 50 kt) 07/27/10 12:15 CST 0 Source: Amateur Radio Amateur radio operators reported trees blown down. TAYLOR COUNTY --- 1.0 E WESTBORO [45.35, -90.28] 07/27/10 20:12 CST 2K Thunderstorm Wind (EG 52 kt) 07/27/10 20:12 CST Source: Amateur Radio Amateur radio operators reported several trees blown down across County Road D. Several rounds of thunderstorms developed ahead of a cold front and drifted across north central and central Wisconsin during the afternoon and evening of July 27th. These storms produced some sporadic wind damage. (WI-Z041) LA CROSSE, (WI-Z054) CRAWFORD 07/27/10 12:45 CST 0 Heat 07/27/10 17:00 CST 0

The flow around an area of high pressure over the eastern Great Lakes and ahead of an area of low pressure over the Northern Plains brought hot and humid conditions to parts of southwest Wisconsin July 27th. The apparent temperature at La Crosse (La Crosse County) and Prairie du Chien (Crawford County) topped out at or above 105 during the afternoon.

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